

**Memorandum
Public Works Department**



To: City Manager
Subject: WTP Filtration and Disinfection Design Study, Project 2704
Date: July 30, 2012
Number: 2012-169

The Engineering Division solicited proposals from consulting firms to investigate and assess the city's water plant filtration and disinfection processes. Due to the age of the filter bed equipment and the lack of some replacement parts, keeping the current system functioning is becoming more challenging with time. Presently, one of the filters is permanently out of service, and parts from this filter are being used as replacement parts on the other fifteen filters. The city currently meets all the requirements for production capacity and water quality, but the need to maintain an operational process will require eventual rehabilitation or upgrades. Cost estimates will be developed as part of the study to aid in budget preparation.

The invitation for proposals was advertised in the Rock Island Argus on April 24 and 25, 2012. The Engineering Division also contacted the following consultants:

Black & Veatch	Missman, Inc.
Burns & McDonnell	MWH Global
Clark Dietz, Inc.	RJN Group, Inc.
Donohue & Associates, Inc.	Shive-Hattery, Inc.
Hanson Professional Services, Inc.	Stanley Consultants, Inc.
Howard R. Green Company	Strand Associates, Inc.
Landmark Engineering Group, Inc.	Symbiont
Maurer-Stutz, Inc.	Veenstra & Kimm, Inc.
McClure Engineering Associates, Inc.	

Proposals were received from:

Black & Veatch	Maurer-Stutz, Inc.
Burns & McDonnell	MWH Global (w/ McClure Engineering)
CDM Smith (w/ Shive-Hattery, Inc.)	RJN Group, Inc.
Crawford, Murphy, & Tilly, Inc.	Strand Associates, Inc.
Donohue & Associates, Inc.	Symbiont
Farnsworth Group, Inc.	Veenstra & Kimm, Inc.(w/Missman, Inc.)
Howard R. Green Company	

The selection committee consisting of the City Engineer, two Assistant City Engineers, and the Utilities Superintendent reviewed the proposals. Based upon review of the firm's qualifications and resources, five firms were selected by the committee for interviews. The five firms listed below were interviewed and ranked as shown:

- 1) CDM Smith, Inc. (partnered with Shive-Hattery, Inc.)
- 2) Crawford, Murphy, & Tilly, Inc.
- 3) Black & Veatch
- 4) Symbiont
- 5) Donohue & Associates, Inc.

Recommendation

The Public Works Department recommends that the City Council approve the choice of CDM Smith, Inc. and authorize the Engineering Division to enter into contract negotiations with them. After negotiations are completed with CDM Smith, Inc., a separate memorandum will be submitted to City Council for contract approval.

Submitted by: Robert T. Hawes, P.E., Assistant City Manager/Public Works Director
Robert A. Horton, P.E., Assistant City Engineer

Approved by: Thomas Thomas, City Manager